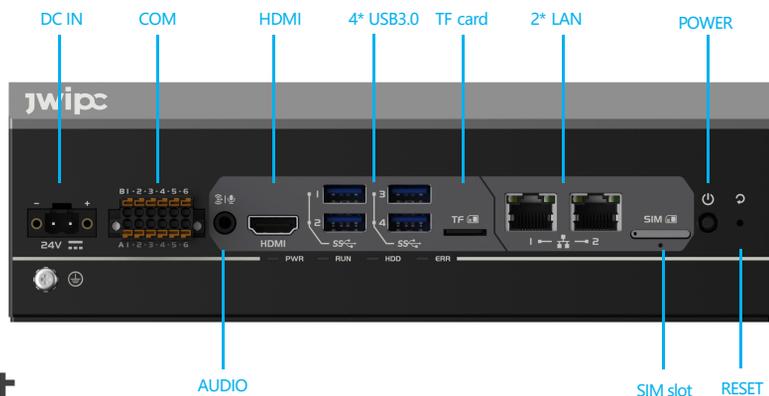




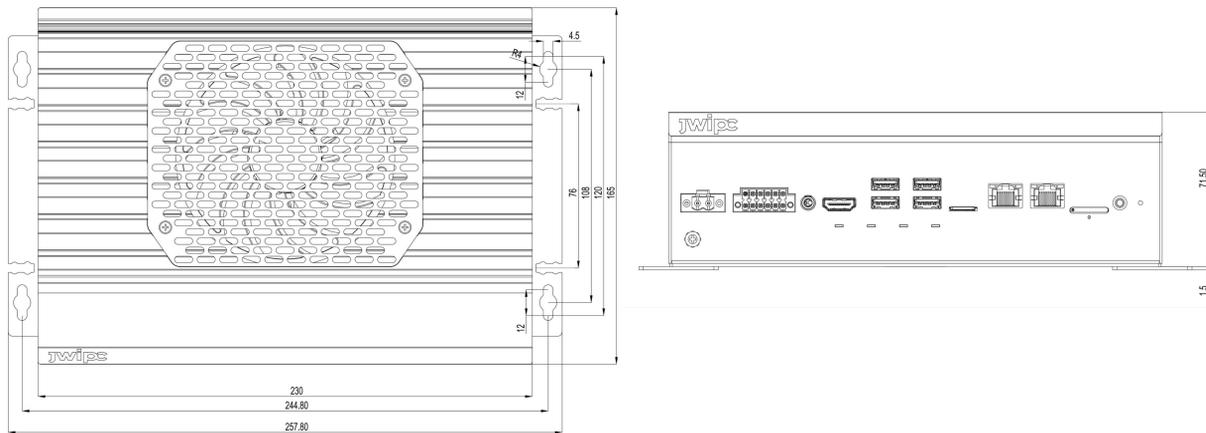
### 产品特性

- 采用 Jetson AGX Orin 高性能模组
- 显存最高64GB
- 最多12核 ARM Cortex-A78AE, 2.2GHz
- 2\* 千兆网口
- 可扩展WIFI+BT 4G/5G
- 支持CAN总线, RS232/422/485串口
- 支持TPM/TCM加密模块, GPS模块
- 工规级设备, 铝挤型外壳, 主被动散热结合
- DC 9~36V 宽压供电, 过流过压保护

### 接口布局



### 产品尺寸



|        |                    |   |
|--------|--------------------|---|
| 系统     | 处理器                | 8/12 Cores A78AE 2.2GHz   |
|        | 芯片组                | NVIDIA Jetson AGX Orin  |
|        | 显卡                 | NVIDIA Ampere, VRAM 32/64GB, 275/200 TOPS<br>2048/1792 CUDA Cores, 64/56 Tensor Cores   |
|        | 内存                 | 32/64 GB  |
|        | 操作系统               | Ubuntu20.04   |
| I/O 接口 | USB                | 4 x USB3.0 Type-A   |
|        | COM                | 1 x 12pin RS232 + RS485 + CAN,<br>(Phoenix terminal, optocoupler isolated)<br>1 x RJ45 CAN  |
|        | LED                | 4 x LED, (Run, Power, SSD, Error)   |
| 扩展     | M.2                | 1 x M.2 3052 (B-Key, Signal: PCIe + USB, expandable 4G/5G module)<br>1 x M.2 E-Key, expandable WiFi/BT module, optional WiFi 5/WiFi 6 |
| 显示     | Graphics Processor | NVIDIA Ampere GPU   |
|        | Interface          | 1 x HDMI2.1, Up to 4096 x 2160 @60Hz  |
| 存储     | Storage Device     | 64GB eMMC<br>1 x M.2 2280 (M-Key, NVMe, Signal: PCIe x4)<br>1 x Micro SD  |
| 音频     | Audio Codec        | /   |
|        | Audio Interface    | 1 x 3.5mm Combo Jack  |
| 以太网    | LAN                | 2 x 10/100/1000 Mbps  |
| 电源     | Power Input        | 9~36V DC IN   |
|        | Power Interface    | /   |
| 其它     | OS Supports        | Ubuntu 20.04 (JetPack 5.1.2) 、 Ubuntu 22.04 (JetPack 6.0)   |
|        | Watchdog Timer     | 1 to 255 sec./min. per step   |
|        | TPM                | TPM 2.0   |
| 物理参数   | Dimensions         | 230 x 165 x 71.5mm (9.06" x 6.5" x 2.34" )  |
|        | Weight             | /   |
|        | Mounting           | Desk/Wall-mounting, Din rail mounting   |
| 工作环境   | Operating Temp.    | -25~60°C (-13~140 °F) w/ 0.7m/s airflow   |
|        | Storage Temp.      | -40~85°C (-40~185 °F)   |
|        | Humidity           | 10%~85% Humidity, non-condensing  |
|        | Shock              | With SSD: 15G, IEC 60068-2-27, half sine, 11ms duration   |
|        | Vibration          | With SSD: 2Grms, IEC 60068-2-64, random, 5~500Hz, 1 hr/axis   |

| 型号        | 处理器                 | 显示 | DIMM | LAN | USB3 | USB2 | COM | M.2 |
|-----------|---------------------|----|------|-----|------|------|-----|-----|
| PAS-6100A | Jetson AGX Orin 32G | 1  | /    | 2   | 4    | /    | 2   | 2   |
| PAS-6100B | Jetson AGX Orin 64G | 1  | /    | 2   | 4    | /    | 2   | 2   |

## ■ 装箱清单

| 配件编号         | 描述  |
|--------------|---|
| 300600013312 | 电源适配器, Power Supply,Adapters, 180W,AC100~240V,24V,7.5A ,2PinPhoenix |
| 302400001697 | 减震脚垫 Shock-absorbing foot pads                                      |
| 302300020114 | 侧壁挂条 Side wall mounting strip, T=1.5mm,275x52x1.5mm                 |
| 302300020115 | 底部挂条 Bottom mounting strip, T=1.5mm,139x37x1.5mm                    |
| 302300000937 | DIN rail, T=2.5mm,47.8x35x9.1mm                                     |

## ■ 可选配件

|                         |                                      |
|-------------------------|--------------------------------------|
| SSD128GB                | SSD128GB,M.2_M-KEY,2280, NVMe        |
| SSD256GB                | SSD256GB,M.2_M-KEY,2280, NVMe        |
| SSD512GB                | SSD512GB,M.2_M-KEY,2280, NVMe        |
| SSD1TB                  | SSD1TB,M.2_M-KEY,2280, NVMe          |
| SSD2TB                  | SSD2TB,M.2_M-KEY,2280, NVMe          |
| 4G/5GModule             | 4G/5GModule with Antenna             |
| WiFi & Bluetooth Module | WiFi & Bluetooth Module with Antenna |